

PROJECT	UMTRA GROUND WATER	NORTH COORD. (FT)	237554.43	DATE DRILLED	08/23/1986 to 09/05/1986
LOCATION	GREEN RIVER, UT	EAST COORD. (FT)	2388010.25	SURFACE ELEV. (FT NGVD)	4167.90
SITE	GREEN RIVER	HOLE DEPTH (FT)	190.00	TOP OF CASING (FT)	4169.40
WELL NUMBER	0587	WELL DEPTH (FT)	185.00	MEAS. PT. ELEV. (FT)	4169.40
				SLOT SIZE (IN)	0.050
				BIT SIZE(S) (IN)	9.0 / 7.88
	WELL INSTALLATION	INTERVAL (FT)			
SURFACE CASING:	8.75 in. Steel	-1.5	to 12.5	DRILLING METHOD	AIR ROTARY -- TRI-CONE BIT
BLANK CASING:	4 in. PVC Sch 40	-1.5	to 163.0	SAMPLING METHOD	AUGER CUTTINGS
WELL SCREEN:	4 in. Slotted PVC	163.0	to 183.0	DATE DEVELOPED	09/09/1986
SUMP/END CAP:	4 in. PVC Sch 40	183.0	to 185.0	WATER LEVEL (FT BGS)	
SURFACE SEAL:				LOGGED BY	Phyfe, L.
GROUT:	Cement - Bentonite	0.0	to 148.0	REMARKS	
SEAL:	Bentonite Pellets	148.0	to 153.0		
UPPER PACK:					
LOWER PACK:	8-12 Silica Sand	153.0	to 185.0		

DEPTH (FT BGL)	ELEV. (FT NGVD)	BLOW COUNTS	SAMPLE ID.	EXTENT	WELL DIAGRAM	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
							0-2.5 ft. ALLUVIUM: GRAVELLY SAND (SP-GP); fine sand and fine gravel.
							2.5-16.0 ft. DAKOTA SANDSTONE:
10	4160						2.5-5.0 ft. SANDSTONE: fine to very fine grained, friable, bleached, gray to white.
							5.0-16.0 ft. CONGLOMERATE; with conglomeratic sandstone, moderately cemented (SiO ₂), grayish black to white.
20	4150						16.0-190 ft. CEDAR MOUNTAIN FORMATION:
							16.0-29.0 ft. SHALE; with dark mudstone stringers, brownish gray, moist.
30	4140						29.0-34.0 ft. LIMESTONE; shaley, light brown to gray, hard.
40	4130						34.0-50.5 ft. SHALE; some limestone, fissile, indurated, light gray to brown, moist.
50	4120						50.5-54.0 ft. LIMESTONE; hard, gray to white.
60	4110						54.0-57.0 ft. SHALE AND LIMESTONE; interbedded, light brown to gray, occasional sandy lenses.
							57.0-84.0 ft. SANDSTONE; fine to very fine grained, some interbedded limestone and conglomerate lenses, light brown to grayish white, well sorted, subangular, very clean.
70	4100						
80	4090						
							84.0-87.0 ft. MUDSTONE; shaley, siliceous, dense, dark gray to black.
90	4080						87.0-97.0 ft. SANDSTONE; fine to very fine grained, clean, well sorted, subangular, light gray to white.
							97.0-162.5 ft. SHALE; fissile, indurated, blue green to gray.

MONITORING WELL COMPLETION LOG GRN01-0587

PROJECT UMTRA GROUND WATER WELL NUMBER 0587
 SITE GREEN RIVER DATES DRILLED 08/23/1986 to 09/05/1986

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DEPTH (FT BGL)	ELEV. (FT NGVD)	BLOW COUNTS	SAMPLE ID.	EXTENT	WELL DIAGRAM	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
110	4060						
120	4050						
130	4040						129.0-137.0 ft. high plasticity clay-shale interbeds, light brown to gray.
140	4030						
150	4020						
160	4010						@155.0 ft. color changes to purple-brown, indurated; occasional gray, clayey, interbeds.
170	4000						
180	3990						162.5-190.0 ft. SANDSTONE; fine to very fine grained, well sorted, clean, light blue to gray.
190	3980						
200	3970						Total Depth 190.0 ft.
210	3960						
220	3950						

Stoller-GJO

U.S. DEPARTMENT OF ENERGY
 GRAND JUNCTION OFFICE, COLORADO

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